MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE, DOMINION OF CANADA

AUGUST 1934

TEMPERATURE

The greater part of the Dominion experienced a cool August. The only regions averaging warmer than in a normal August were: the most southerly portions of the mainland of British Columbia with an excess of three degrees or four degrees; northern British Columbia with an excess of two degrees and Vancouver Island, one degree or less; the spring wheat areas of Alberta and Saskatchewan, the Gaspé Peninsula of Quebec and the Cape Breton, Sable and Magdalen Islands.

In the central portion of the Alberta grain region lying between the north and south branches of the Saskatchewan River the excess was two to four degrees while immediately along the southern border of Saskatchewan there was a narrow area with an excess of two degrees. The rest of the grain region in Alberta and Saskatchewan averaged about one degree above normal except an area immediately south of Calgary where there was a deficiency reaching three degrees locally.

In Manitoba the deficiency was about one degree except in the extreme southwest where there was a small excess.

Light to sharp frost occurred quite generally over Saskatchewan, Alberta and western Manitoba. The frosts began on the morning of the 23rd in the extreme northwestern portion of the Saskatchewan grain region and on the morning of the 24th affected a zone running southeastward from Edmonton to Swift Current and Moose Jaw and thence easterly along the border into western Manitoba. On the morning of the 25th the frosts were largely confined to the central and southern portions of the Saskatchewan grain regions. On the morning of the 31st there was frost again in the northern part of the Saskatchewan grain belt.

Towards the foothills in central Alberta the frost was locally quite severe, Viking, Vermilion and Alix reporting a minimum of 21 degrees Fahrenheit. In Saskatchewan a number of points reported a minimum of 24 degrees F.

In the Mackenzie Valley and adjacent regions west of Hudson Bay there was a deficiency of four to six degrees. Another area of maximum deficiency extended north from Lake Superior, the Upper Ottawa and Upper St. Maurice rivers northeastward to the opening of Hudson Strait. The deficiency was four to five degrees. In southern Ontario and extreme southwestern Quebec the deficiency was generally about two degrees although along the shores of the Great Lakes the deficiency was only one degree or less. In the Gaspé Peninsula there was an excess of two degrees and one to two degrees in the islands of the Gulf already mentioned.

In northern New Brunswick there was a deficiency of two to four degrees while in southern New Brunswick, Prince Edward Island and the mainland of Nova Scotia the difference was small but in most cases slightly negative.

PRECIPITATION

The total rainfall of the month was generally less than the normal August total across southern Canada but apparently considerably in excess of the normal amount over a large part of the northern regions.

In British Columbia, with the exception of the first six days which were wet, the weather was mostly warm and dry with numerous forest fires on Vancouver Island and in southern British Columbia. Over the greater part of Vancouver Island and in the southern Okanagan Valley the total rainfall slightly exceeded the normal amount but elsewhere there was a deficiency. At many points in the southern interior valleys the deficiency exceeded eighty per cent. and in more northerly territory fifty per cent.

Over the western grain region there was almost universal deficiency. In the Peace River and Lesser Slave country the deficiency was small while at some points the normal amount was slightly exceeded. In southeastern Saskatchewan and in eastern Manitoba the normal amount was also exceeded, at most points by a very small margin. In the foothill region of Alberta the deficiency was generally from thirty to fifty per cent. On the plains the deficiency was generally about fifteen to twenty per cent. In Saskatchewan the largest deficiencies were in the valley of the North Saskatchewan and the central western portion of the grain region. Here the deficiency was an inch or more in a territory where the normal August amount is little more than two inches. In the central portion of the Saskatchewan grain region the deficiency was generally less than half an inch. The normal amount here varies locally from one and a half to two inches.

In western Manitoba the deficiency varied from one tenth to one and a half inches showing a very uneven distribution of rainfall. The normal amount for this region in August is generally a little more than two inches. In eastern Manitoba and at some points along the Dakota boundary the excess varied from ten to sixty per cent.

In Ontario the normal rainfall was exceeded in the James Bay region but there was a general deficiency elsewhere, particularly in the region of the Lower Lakes where the deficiency exceeded fifty per cent. at several points on the shore of Lake Ontario. At a few points on the ridge separating Lakes Huron and Erie the normal amount was reached or exceeded.

In Quebec the greatest deficiency occurred in the district south of the St. Lawrence towards the New England boundary. At several points in this district the deficiency was approximately fifty per cent. In the highlands north of the Ottawa River and west of Lake St. John the normal amount was exceeded while in the estuary the deficiencies were small or there were local excesses. In the Gaspé Peninsula and on the North Shore there was a moderate excess.

In the Atlantic provinces rainfall was mostly below normal. Drought conditions were severe in the Annapolis Valley and southwestern Nova Scotia where deficiencies amounted to eighty per cent. Elsewhere in Nova Scotia deficiencies ranged from forty to sixty per cent. For the most part in New Brunswick there were deficiencies of eight to thirty-five per cent. while in the region of the Bay of Chaleur, Northumberland Straits and Prince Edward Island there was an excess of five to thirty-five per cent. Severe forest fires were prevalent in Nova Scotia during the third week.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Cowichan Bay	84°	52°	0.9	298		Estevan Point			6.2		59°	Vernon	92°	44°	0.3		
Duncan	96°	43°	1.0			Prince Rupert	71°	44°	2.9	138	57°	Kaslo	88°	43°	0.2		67°
Goldstream Lake			1.0			Prince George	88°	32°	1.1	241	59°	Cranbrook	88°	35°	0.0		
Shawnigan Lake	94°	46°	1.0			New Westminster	92°	50°	1.1			Kamloops	99°	46°	0.2	373	68°
Sooke	92°	45°	0.9			Vancouver	87°	49°	1.2	270	65°	Salmon Arm	96°	44°	0.4	310	
Victoria	81°	50°	0.6	320	60°	White Rock	90°	46°	1.2			Golden	90°	35°	0.1		
Nanaimo	88°	48°	1.5	310		Oliver	100°	46°	1.7	312		Atlin			1.2		54°
Port Alberni	97°	49°	2.7			Penticton	92°	42°	1.1								

ALBERTA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Beaverlodge	84°	34°	3.0	245	57°	Harmattan	88°	29°	1.6		57°
Fairview	85°	35°	1.5	198	57°	Olds	89°	30°	1.1		59°
Grande Prairie	87°	32°	3.1		58°	Red Deer	90°	26°	1.5		58°
Entrance	91°	28°	2.1		58°	Stettler	94°	26°	1.3		61°
Grouard	84°	31°	1.9		58°	Calgary	90°	36°	1.4	297	56°
High Prairie	85°	29°	1.4		57°	Cardston	88°	36°	0.5		62°
Slave Lake	79°	32°	1.6		59°	Cowley			0.4		
Coronation	94°	30°	0.8		61°	High River	91°	31°	0.9		59°
Edmonton	88°	29°	1.7	300	58°	Lethbridge	90°	37°	0.6	302	63°
Holden	86°	23°	1.5		58°	Macleod	94°	38°	0.5		66°
Pemukan			0.8			Medicine Hat	95°	36°	1.0	309	66°
Vermilion	94°	21°	2.1		58°	Seven Persons			1.0		
Viking	94°	21°	2.0		58°	Strathmore	87°	36°	1.2		60°
Westaskiwin	90°	26°	1.0		59°	Vulcan			0.6		
Alix	96°	21°	0.9		61°	Winnifred			1.1		
						Exshaw	86°	33°	0.7		60°

SASKATCHEWAN

Battleford	91°	29°	0.7		61°	Muenster	92°	24°	0.9		59°
Biggar	97°	29°	0.8		63°	Pilger	90°	32°	0.1		60°
Kindersley	98°	31°	0.6		62°	Qu'Appelle	94°	27°	1.3		61°
Macklin	97°	31°	1.5		61°	Regina Airport	97°	26°	1.7		62°
Prongua			1.1			Regina (2)	97°	28°	1.4		62°
Scott	94°	30°	1.5	309	60°	Strasbourg	97°	33°	1.4		61°
Waseca	89°	26°	0.6		60°	Whitewood	96°	30°	1.6		60°
Harris	95°	30°	0.4		63°	Yellow Grass	98°	28°	2.4		63°
Prince Albert	90°	30°	0.8		60°	Assiniboia	97°	32°	0.6		64°
Saskatoon	92°	28°	1.4		61°	Chaplin	96°	32°	1.1		62°
Lintlaw	87°	28°	1.6		57°	Climax			0.2		
Carlyle	99°	26°	3.3		62°	Elbow	96°	31°	0.8		63°
Caron	99°	24°	1.2		61°	Goodwater			0.9		
Ceylon			1.3			Gravelbourg	98°	29°	0.6		62°
Estevan	101°	26°	1.6		65°	Leader	102°	28°	0.1		64°
Francis	98°	27°	1.3		62°	Leitchville			0.4		
Grenfell	100°	27°	1.5		64°	Maple Creek	97°	27°	0.8		63°
Humboldt	91°	32°	0.7		60°	Outlook	96°	32°	0.7		63°
Indian Head	96°	30°	1.4		62°	Rockglen			0.1		
Lestock	92°	28°	1.0		59°	Rosetown	96°	28°	1.1		60°
Lumsden	97°	28°	0.5		63°	Shaunavon	99°	28°	0.3		63°
Marquis			1.4			Strongfield			0.6		
Maskakee Springs	94°	29°	0.9		61°	Swift Current	98°	28°	0.5		64°
Midale	98°	23°	3.7		64°	Wapashoe			0.5		
Moose Jaw	98°	30°	1.1	309	64°						

MANITOBA

Birtle	96°	29°	1.4			Virden	99°	35°	0.4		63°
Boissevain	94°	32°	2.1		63°	Waskada	98°	28°	2.9		65°
Brandon	96°	32°	2.2	280	62°	Morden	95°	36°	2.0		64°
Deloraine	99°	27°	2.5			Morris	95°	40°	1.5		
Hamiota	96°	28°	1.6		62°	Osborne			2.0		63°
Minnedosa	92°	32°	1.6		60°	Winnipeg	92°	34°	3.3	236	62°
Ninette	92°	31°	3.0			Dauphin	96°	33°	0.8		
Russell	92°	30°	1.3		60°	Le Pas	82°	34°	1.8		58°
St.Alban's(Treesbank)	97°	34°	1.4								

ONTARIO

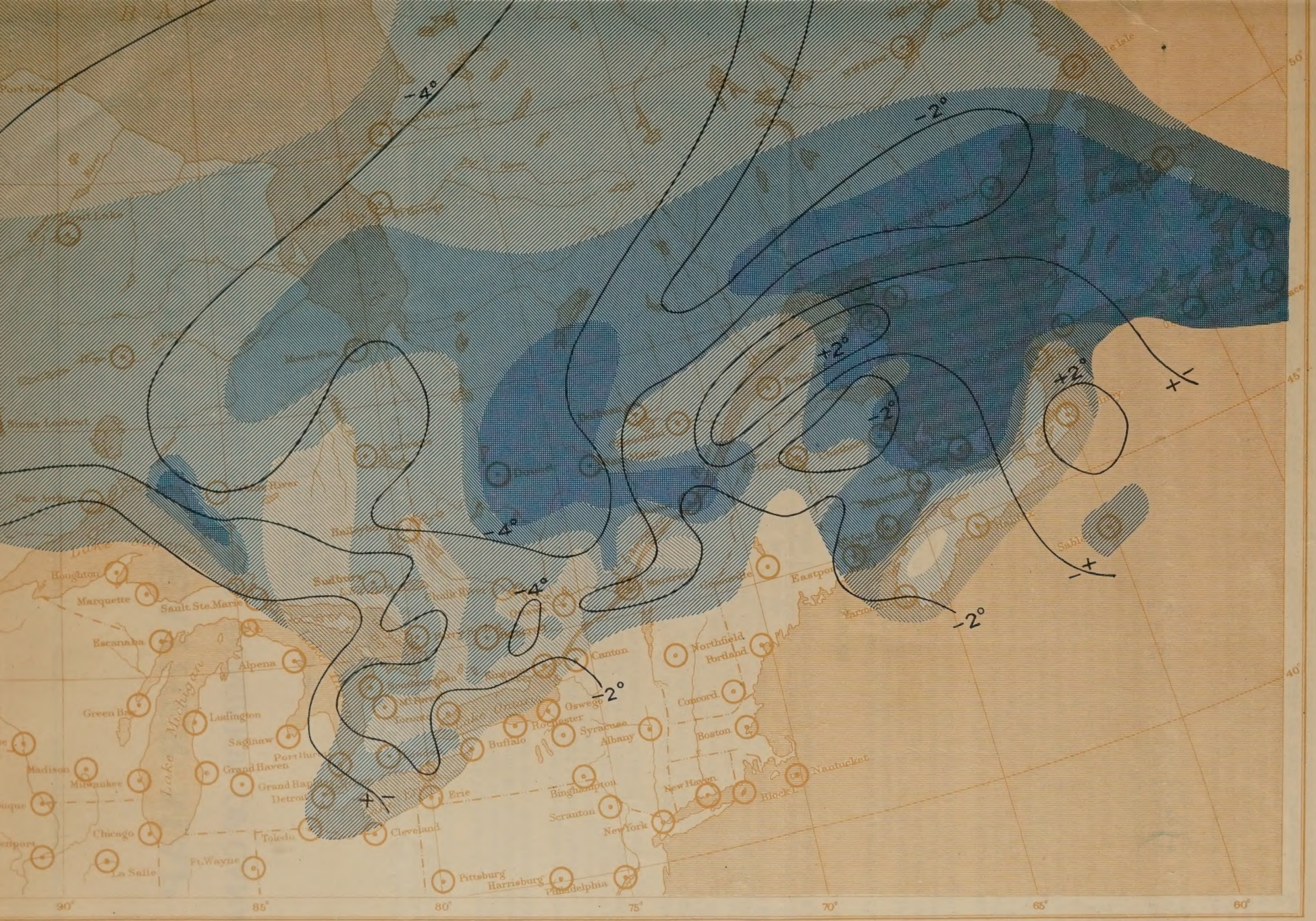
STATION	H	L	P	I	Tm
Algonquin Park	93°	31°	0.6		58°
Bear Island	84°	38°	2.8		59°
Biscotasing	88°	30°	1.1		57°
Blind River	84°	39°	2.1		63°
Chapleau	91°	28°	1.6		57°
Cochrane	84°	34°	2.4	182	56°
Crystal Falls	86°	29°	2.2		58°
Gogama	85°	27°	1.5		55°
Haileybury	87°	34°	1.9	188	59°
Kenora	85°	39°	1.6		
Longlac	88°	28°	2.9		57°
Macdiarmid	79°	41°	2.8		56°
Madawaska	95°	21°	1.0		55°
Moosonee	84°	36°	3.1		54°
Nakina			3.6		
Port Arthur	87°	36°	2.7		59°
Providence Bay	87°	26°	1.4		63°
Ruel	84°	21°	1.5		55°
Rutherglen	90°	28°	2.2		59°
Schreiber	74°	33°	4.8		53°
Sioux Lookout			2.2		58°
Sudbury	89°	36°	2.2		61°
Temagami	85°	35°	3.4		58°
Timmins			1.8		
Wawaitin Falls	88°	28°	2.2		55°
White River	86°	24°	2.0		54°
Barrie	86°	37°	2.4	199	62°
Beatrice	89°	29°	1.7		59°
Beeton	91°	32°	1.5		62°
Maganetawan	88°	30°	1.6		60°
Orillia	88°	37°	1.3		62°
Owen Sound	88°	37°	1.5		63°
Parry Sound	89°	38°	2.0		63°
Scotia Junction			1.1		
Walker's Point	88°	30°	1.2	257	60°
Walkerton	96°	31°	0.8		64°
Washago			1.5		
Brucefield	88°	32°	1.8		63°
Goderich	90°	40°	2.6		64°
Lucknow	91°	34°	1.9		63°
Southampton			2.4		62°
Alton	93°	32°	1.4		62°
Brantford	94°	35°	1.7		65°
Grand Valley	88°	32°	1.8		61°
London	89°	34°	3.0		64°
Mount Forest	91°	28°	0.8		61°
Stratford	90°	33°	1.6		66°
Woodstock	92°	36°	2.8		64°
Chatham	92°	43°	2.3	254	68°
Falls View	92°	41°	2.3		65°
Grimsby	95°	43°	1.9		67°
Rock Chapel (Grimsby)	93°	43°	2.4		66°
Harrow	93°	45°	1.2	277	70°
Leamington	95°	44°	1.4		71°
Pelee Island	95°	51°	2.3		73°
Port Dover	90°	37°	0.2		67°
Ridgetown	90°	41°	4.2		67°
St. Catharines	95°	41°	2.6	262	66°
St. Thomas	90°	35°	3.2		65°
Simcoe	93°	35°	1.7		66°
Welland	93°	40°	1.7		66°
Agincourt	93°	42°	1.3		66°
Georgetown	93°	33°	1.1		63°
Orono	91°	40°	1.4		64°
Toronto	89°	45°	1.0	279	65°
Apsley	95°	30°	2.3		60°
Fenelon Falls			1.2		
Haliburton	90°	30°	2.0		59°
Lakefield	90°	39°	1.5		63°
Lindsay	92°	36°	2.8		63°
Peterboro'	92°	35°	1.2		64°
Queensboro	88°	33°	1.4		61°
Brockville	89°	40°	1.2		64°
Clontarf	95°	33°	3.0		62°
Dacre	95°	31°	2.3		62°
Kemptville	90°	36°	1.4		63°
Kingston	85°	44°	1.3	268	66°
Morrisburg	89°	28°	3.3		62°
Ottawa	93°	41°	1.2		65°
Ottawa (Exp. Farm)	90°	35°	1.6	280	63°
Pembroke	93°	35°	1.6		63°
Renfrew	90°	36°	2.3		60°

QUEBEC

STATION	H	L	P	I	Tm
Beauceville	85°	35°	1.9		62°
Berthierville	90°	35°	1.9		62°
Brome	90°	33°	2.2		61°
Cap Rouge	84°	42°	4.0	241	61°
Cedars	88°	42°	2.0		65°
D'Israeli	83°	32°	1.7		56°
Farnham	90°	35°	2.0	273	63°
Joliette	90°	41°	1.6		64°
Lennoxville	89°	30°	2.2	244	61°
Macdonald College	90°	41°	2.3		65°
Maniwaki	88°	32°	1.9		59°
Montreal	88°	48°	2.3	238	65°
Nicolet	88°	44°	2.8		63°
Perkins			2.5		
Quebec	82°	44°	4.7	229	62°
St. Gabriel de Brandon			3.2		
St. Joachim	84°	39°	3.7		62°
St. Lin de Laurentides	91°	37°	1.8		63°
Shawinigan Falls	86°	41°	2.2		62°
Sherbrooke	88°	37°	2.1	271	62°
Sorel	91°	38°	2.0		65°
Lucerne			3.4		
Albanel	83°	36°	3.9	238	57°
Dolbeau			0.2		58°
Roberval	82°	42°	2.2		61°
Rigolet	80°	32°	5.0		56°
Sanmaur	82°	31°	4.4	146	54°
Doucet			4.6	157	52°
Kipawa Dam			2.6		
La Ferme	84°	30°	2.7	208	55°
Ville Marie	88°	32°	2.6		62°
Anticosti S.W. Pt.			4.6		56°
Bonaventure	79°	38°	4.4		59°
Cap Chat	76°	43°	3.4		60°
Fame Point	84°	46°	5.6		59°
Father Point			2.4		58°
Grand Cascapedia	86°	28°	5.7		58°
Harrington Harbour			4.0		51°
Grindstone Island	74°	50°	5.3		61°
Port Daniel	83°	36°	4.0		60°
Price	81°	38°	2.3		60°
Ste. Anne de la Pocatiere	84°	38°	3.8	252	62°
Ste. Rose	85°	34°	1.8		59°

ATLANTIC PROVINCES

STATION	H	L	P	I	Tm
Aroostook	86°	39°	3.1		60°
Bathurst	85°	37°	3.6		61°
Chatham	85°	38°	4.3		61°
Chipman	85°	34°	2.7		60°
Edmundston	81°	37°	2.2		59°
Fredericton	85°	42°	3.7		62°
Fredericton (Experimental Farm)	84°	42°	3.0	251	62°
Gagetown	82°	43°	3.5		63°
Grand Falls	83°	36°	1.6		59°
Harvey	84°	43°	3.4		62°
Moncton	84°	38°	4.3		
Musquash	76°	36°	3.5		
Richibucto	85°	41°	5.5		62°
Saint John	75°	49°	3.3	241	60°
Sackville	79°	37°	2.7		62°
Sussex	80°	38°	3.0		62°
Woodstock	86°	39°	2.3		62°
Digby	78°	39°	0.5		60°
Halifax			1.6		64°
Kentville Exp. Farm	85°	40°	0.5		64°
Liverpool	83°	39°	1.8		61°
Nappan Exp. Farm	81°	40°	2.0	252	61°
St. Paul Island			2.8		59°
Sydney	83°	48°	1.4		66°
Truro	81°	37°	1.6		62°
Upper Stewiacke	80°	35°	1.6		62°
Wolfville	83°	44°	0.6		64°
Yarmouth	76°	44°	1.0		59°
Charlottetown	79°	51°	4.5		65°
Charlottetown (Experimental Farm)	80°	49°	4.7	260	64°
Cape Race, Nfld.	63°	49°	6.0		56°


-4°
-2°
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Houghton
Marquette
Sault Ste.Marie
Escanaba
Alpena
Green Bay
Ludlington
Saginaw
Grand Haven
Milwaukee
Chicago
La Salle
Ft.Wayne
Toledo
Cleveland
Erie
Buffalo
Pittsburg
Harrisburg
Philadelphia
Scranton
Binghampton
Oswego
Rochester
Syracuse
Albany
Canton
New York
New Haven
Block I.
Nantucket
Boston
Concord
Northfield
Portland
Eastport
Lake Michigan
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°

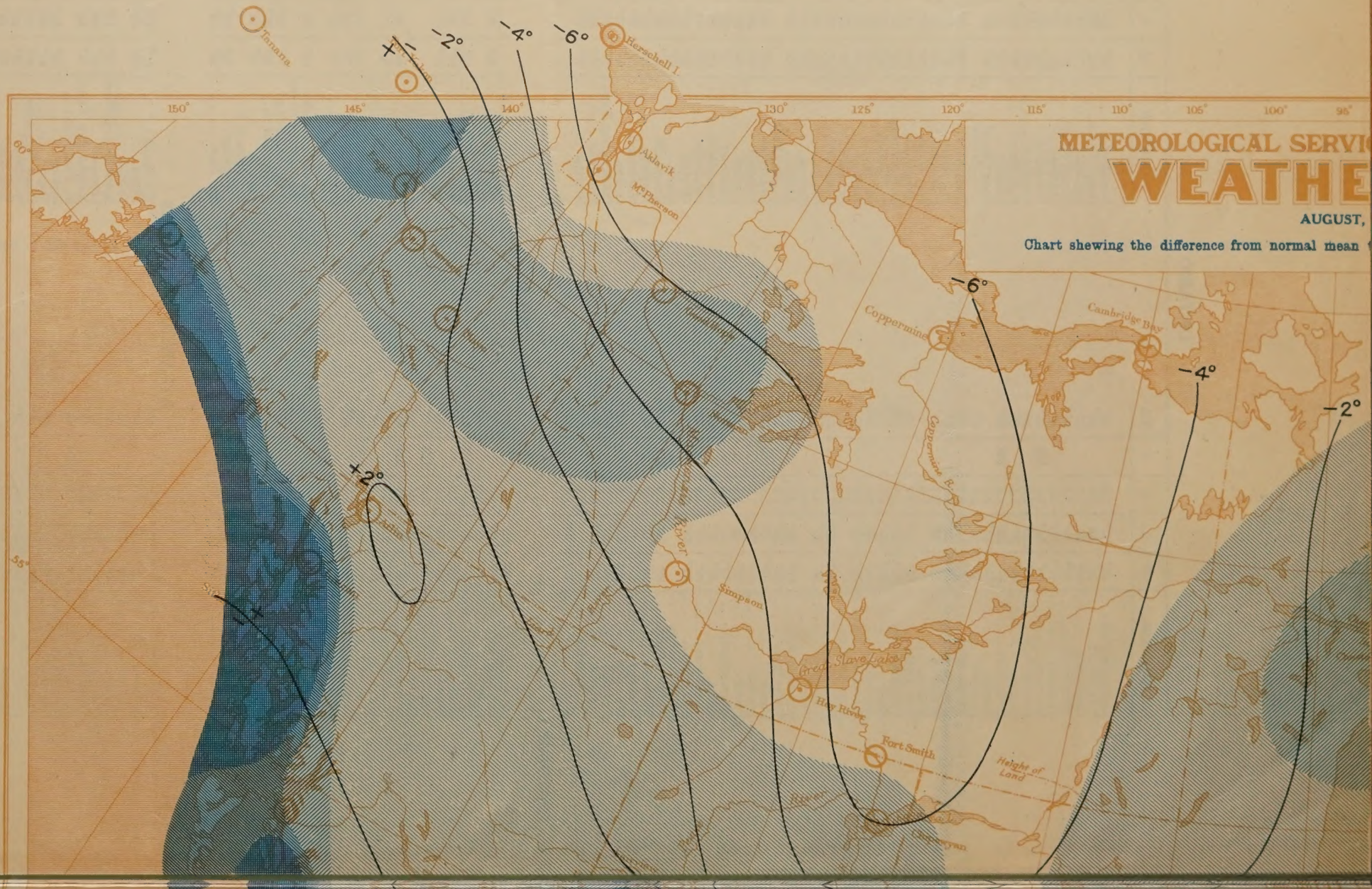
CE, DOMINION OF CANADA.

R MAP

1934

emperature; and total precipitation of the month.

+2°
+2°
+2°


METEOROLOGICAL SERVIC
WEATHE
AUGUST,
Chart shewing the difference from normal mean
+2°
-2°
-4°
-6°
Tanana
Herschell I.
Aklavik
McPherson
Coppermine
Cambridge Bay
Simpson
Great Slave Lake
Hay River
Fort Smith
Height of Land
Athabasca
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
95°
60°
55°